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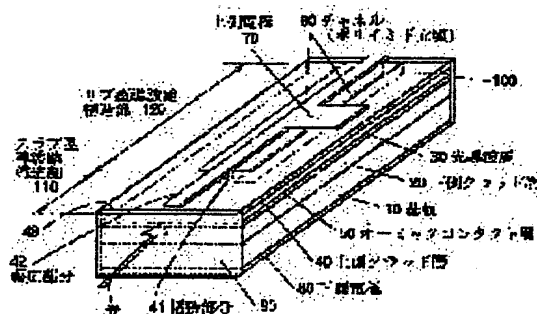
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## (54) SEMICONDUCTOR WAVEGUIDE ELEMENT AND METHOD FOR MANUFACTURING THE SAME

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a semiconductor waveguide element having large permissible input light power.

**SOLUTION:** An upper clad layer 40 of the semiconductor waveguide element, which has a lower clad layer 20, the upper clad layer 40, an optical waveguide layer 30 held therebetween, a lower electrode 80 and an upper electrode 70 and makes light incident on the optical waveguide layer 30 from its end face, has striped narrow-width portions 41 and a broad-width portion 42 which is formed in a position nearer the end face made incident with the light than these narrow-width portions 41 and has a width broader than the width of the narrow-width portions 41.



## LEGAL STATUS

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